	Application No.	Applicant(s)
Notice of Allowability	10/521,550	BOURGINE DE MEDER, LAURENT
	Examiner	Art Unit
	LAM P. PHAM	2612

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to *Examiner Amendment on 2/18/2009*.

2. ☒ The allowed claim(s) is/are *1-16*.

3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a) ☒ All   b) ☐ Some*   c) ☐ None   of the:

        1. ☒ Certified copies of the priority documents have been received.

        2. ☐ Certified copies of the priority documents have been received in Application No. _____ .

        3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

    * Certified copies not received: _____ .

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.

    (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached

        1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.

    (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

    Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)

2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3. ☒ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date 6/17/2005

4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material

5. ☐ Notice of Informal Patent Application

6. ☒ Interview Summary (PTO-413), Paper No./Mail Date *2/18/2009* .

7. ☒ Examiner's Amendment/Comment

8. ☒ Examiner's Statement of Reasons for Allowance

9. ☐ Other _____.

EXAMINER'S AMENDMENT

1.   An examiner's amendment to the record appears below. Should the changes

and/or additions be unacceptable to applicant, an amendment may be filed as provided

by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be

submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview

with Sheridan Neimark on February 18, 2009.

The application has been amended as follows:

Claim 1. (Currently Amended) A method for ensuring the security of a two-wheeled

vehicle [or the like;], said method comprising the following steps:

- detecting [at least one of the following] a plurality of parameters of the vehicle [:]

including engine running/stopped, tilt, parked/moving, presence of the driver on the

vehicle, and geographical localization,

- determining according to a logic for processing the detected parameters, and the state

of at least one enabling/disabling command of [the] a system, a system state taken from

the following system states:

[.] a theft surveillance state, when the engine is stopped,

[.] an accident surveillance state, when the engine is running,

[.] a pre-alarm state caused by detecting a movement, a vibration, a shock or a

power supply cut, while the vehicle was in the theft surveillance state, or subsequently

to the starting of the vehicle,

[.] a disabled surveillance state (surveillance off) subsequently to a command for disabling the system [.] ‚

- detecting, depending on the state of the system and on the detected parameters, one of the following system states:

[.] the theft alarm state, when subsequently to the pre- alarm state, the system has detected a sensitive parameter which is repeated and/or maintained during a predetermined period of time,

[.] the accident alarm state when subsequently to the accident surveillance state, the system detects an extended loss of verticality,

- when passing to one of the "alarm" states, elaborating a message comprising data for identifying the vehicle, its position, and data corresponding to the state of the system as well as telephonically transmitting this message to a remotely located caller or to a surveillance center.

Claim 3. (Currently Amended) The method according to claim 1, which comprises the analysis of the following parameters:

- movements or vibrations detected in [the] a pre-alarm mode a predetermined time,

- a tilt detected in the pre-alarm mode for a time "Tip",

- a displacement of the motorcycle detected by the central localization facility in the pre-alarm mode over a predetermined distance, and/or

- [the analysis of] a combination of parameters [such as] including an external power cut, associated with brief detection of motion, and/or

- [the analysis of] a succession of parameters [such as] including [the] a loss of

verticality, with the engine running, associated with the detection of a sudden drop in

speed by the central localization facility, this combination of successive

parameters [meaning] indicating the presence of an accident.

Claim 9. (Currently Amended) The method according to claim 1, which comprises said

parameters to provide the following functions:

- in-operation detection of extended loss of verticality which is a potential sign of

accident,

- start-up or shut-down of the system by a surveillance center, depending on information

contained in the messages transmitted by the communications unit (UT), in order to

 facilitate technical interventions [for example] including,

- storage at regular intervals of the position of the [motorcycle] vehicle in order to

transmit [these] the position data to the surveillance center,

- remote control of various outputs including horn, blinker, power supply,

- management of [the] a level of [the] a vehicle battery in order to send an alert

message when [this] the level becomes low.

Claim 10. (Currently Amended) The method according to claim 1, wherein the detection

of said "alarm" states is based on several types of detection including displacement/tilt,

power supply cut, associated with localization by a central localization facility and with a

concordance analysis.

Claim 11. (Currently Amended) A device for providing security of two-wheeled

vehicles [and the like], which comprises a processor <u>for executing the method of claim 1</u>

, <u>the</u>

 <u>processor</u> coupled with a central geographical localization facility and with a

communications, with a cellular telephone network able to communicate with a caller,

said processor being further connected to a plurality of detectors comprising at least

one detector for detecting the running/stopped (M/A) state of the engine of the vehicle,

a detector for <u>detecting</u> the displacement of the vehicle and a tilt detector (CV), and

with means for identifying the vehicle and/or

 its driver, and in that the processor is programmed in order to centralize the data from

the detectors, to store [them] <u>the data</u> and then to select [them], by means of a logic for

 processing said data, a state of the device among a plurality of predetermined states

incorporating one or more sensitive states revealing a theft [of] <u>or</u> an accident and,

when it has selected a sensitive state, to compose a message comprising data relative

to this state as well as data for identifying the vehicle and/or its driver, and a

geographical localization data, and to cause this message to be transmitted to the caller

via the communications unit and the cellular telephone network.

Claim 16, line 5: delete [this] and insert –the–.

Allowable Subject Matter

2.   Claims 1-16 are allowed.

3.   The following is an examiner's statement of reasons for allowance:

In the field of security and theft prevention for two-wheeled vehicles, there are no reference in prior art fairly teach or suggest a method for ensuring the security of a two-wheeled vehicle in the manner claimed as found in claim 1.

In the field of security and theft prevention for two-wheeled vehicles, there are no reference in prior art fairly teach or suggest a device for providing security of two wheeled vehicles comprises a processor coupled with a central geographical localization facility and with a communications unit, with a cellular telephone network able to communicate with a caller, said processor being further connected to a plurality of detectors comprising at least one detector for detecting the running/stopped state of the engine of the vehicle, a detector for the displacement of the vehicle and a tilt detector and with means for identifying the vehicle and/or its driver, and in that the processor is programmed in order to centralize the data from the detectors, to store them and then to select, by means of a logic for processing said data, a state of the device among a plurality of predetermined states including one or more sensitive states revealing a theft or an accident and, when it has selected a sensitive state, to compose a message comprising data relative to this state as well as data for identifying the vehicle and/or its driver, and a geographical localization data, and to cause this message to be transmitted to the caller via the communications unit and the cellular telephone network.

Conclusion

4.   The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Tabata et al. (US 6587042) disclose automatic accident informing apparatus for two-wheeled vehicle.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to LAM P. PHAM whose telephone number is (571)272-2977. The examiner can normally be reached on 10AM-7PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, GEORGE A. BUGG can be reached on 571-272-2998. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

February 18, 2009   Lam P Pham
                                           Examiner
                                           Art Unit 2612

        /Benjamin C. Lee/
        Supervisory Patent Examiner, Art Unit 2612